

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	1740	208/113,154,159.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 09:57
L6	10	L5 and pack\$4 with strip\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 09:57
L8	56	208/160.ccls. and dilute	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 10:28
L9	40	208/160.ccls. and dilute adj phase	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 10:29
L10	29	208/160.ccls. and dilute adj phase same cool\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 10:32
L11	15	208/160.ccls. and dilute adj phase same cool\$4 same strip\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 10:32

## EAST Search History

L12	55	US-2436927-\$.DID. OR US-2735802-\$.DID. OR US-2970117-\$.DID. OR US-3672069-\$.DID. OR US-3702886-\$.DID. OR US-3758403-\$.DID. OR US-3990992-\$.DID. OR US-4009121-\$.DID. OR US-4064039-\$.DID. OR US-4219442-\$.DID. OR US-4220622-\$.DID. OR US-4284494-\$.DID. OR US-4325817-\$.DID. OR US-4343634-\$.DID. OR US-4353812-\$.DID. OR US-4388218-\$.DID. OR US-4404095-\$.DID. OR US-4419221-\$.DID. OR US-4433984-\$.DID. OR US-4434245-\$.DID. OR US-4439533-\$.DID. OR US-4483276-\$.DID. OR US-4615992-\$.DID. OR US-4737346-\$.DID. OR US-4749471-\$.DID. OR US-4756886-\$.DID. OR US-4828679-\$.DID. OR US-4891129-\$.DID. OR US-4965232-\$.DID. OR US-4980053-\$.DID. OR US-5027893-\$.DID. OR US-5043058-\$.DID. OR US-5087427-\$.DID. OR US-5089235-\$.DID. OR US-5232675-\$.DID. OR US-5234578-\$.DID. OR US-5248408-\$.DID. OR US-5259855-\$.DID. OR US-5326465-\$.DID. OR US-5346610-\$.DID. OR US-5351749-\$.DID. OR US-5358918-\$.DID. OR US-5380690-\$.DID. OR US-5571482-\$.DID. OR US-5601787-\$.DID. OR US-5670037-\$.DID. OR US-5976355-\$.DID. OR US-6210562-\$.DID. OR US-6211104-\$.DID. OR US-6482312-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 11:18
L13	1	L12 and temperature adj sensor	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 11:30

## EAST Search History

L14	3	L12 and sensor	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 11:30
S1	1740	208/113,154,159.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 08:35
S2	1	208/113.ccls. and 208/154.ccls. and 208/159.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/26 17:43

## EAST Search History

S3	55	US-2436927-\$.DID. OR US-2735802-\$.DID. OR US-2970117-\$.DID. OR US-3672069-\$.DID. OR US-3702886-\$.DID. OR US-3758403-\$.DID. OR US-3990992-\$.DID. OR US-4009121-\$.DID. OR US-4064039-\$.DID. OR US-4219442-\$.DID. OR US-4220622-\$.DID. OR US-4284494-\$.DID. OR US-4325817-\$.DID. OR US-4343634-\$.DID. OR US-4353812-\$.DID. OR US-4388218-\$.DID. OR US-4404095-\$.DID. OR US-4419221-\$.DID. OR US-4433984-\$.DID. OR US-4434245-\$.DID. OR US-4439533-\$.DID. OR US-4483276-\$.DID. OR US-4615992-\$.DID. OR US-4737346-\$.DID. OR US-4749471-\$.DID. OR US-4756886-\$.DID. OR US-4828679-\$.DID. OR US-4891129-\$.DID. OR US-4965232-\$.DID. OR US-4980053-\$.DID. OR US-5027893-\$.DID. OR US-5043058-\$.DID. OR US-5087427-\$.DID. OR US-5089235-\$.DID. OR US-5232675-\$.DID. OR US-5234578-\$.DID. OR US-5248408-\$.DID. OR US-5259855-\$.DID. OR US-5326465-\$.DID. OR US-5346610-\$.DID. OR US-5351749-\$.DID. OR US-5358918-\$.DID. OR US-5380690-\$.DID. OR US-5571482-\$.DID. OR US-5601787-\$.DID. OR US-5670037-\$.DID. OR US-5976355-\$.DID. OR US-6210562-\$.DID. OR US-6211104-\$.DID. OR US-6482312-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 11:18
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## EAST Search History

S4	914	("0373374"   "1469702"   "1953948"   "2059814"   "2223652"   "2372514"   "2377657"   "2382382"   "2386491"   "2394710"   "2398739"   "2399509"   "2414002"   "2419245"   "2424147"   "2425849"   "2436927"   "2439811"   "2458862"   "2463623"   "2464812"   "2476143"   "2477345"   "2488028"   "2492948"   "2506123"   "2511387"   "2513693"   "2515156"   "2518693"   "2527575"   "2553175"   "2584391"   "2596748"   "2612433"   "2619451"   "2640333"   "2661321"   "2667944"   "2684931"   "2698171"   "2708920"   "2715018"   "2718491"   "2735744"   "2735802"   "2735822"   "2737479"   "2755782"   "2777804"   "2786800"   "2787891"   "2793171"   "2793173"   "2819951"   "2838063"   "2838461"   "2846369"   "2848381"   "2853455"   "2859168"   "2862786"   "2862798"   "2873175"   "2874113"   "2878891"   "2888096"   "2889265"   "2892773"   "2900329"   "2901331"   "2901420"   "2902432"   "2905622"   "2906695"   "2917451"   "2943994"   "2947577"   "2970117"   "2985516"   "3004926"   "3007778"   "3053643"   "3053752"   "3053753"   "3074878"   "3083082"   "3133014"   "3137133"   "3152066"   "3156538"   "3174924"   "3175966"   "3186805"   "3197284"   "3213014"   "3215505"   "3221076"   "3238271"   "3243265"   "3247651"   "3261776"   "3290405"   "3322647"   "3338821"   "3351548"   "3355380"   "3363992"   "3364136"   "3412013"   "3440163"   "3440831"   "3443368"   "3443892"   "3494858"   "3528221"   "3541179"   "3553944"   "3570221"   "3593968"   "3607127"   "3617497"   "3617512"   "3619415"   "3639228"   "3639228".PN. OR ("3647682"   "3649521"   "3650990"   "3660310"   "3661799"   "3663645"   "3667196"   "3672069"   "3672502"   "3676519"   "3677715"   "3696025"   "3702886"   "3710558"   "3718553"   "3725485"   "3748251"   "3758402"   "3758403"   "3769781"   "3785782"   "3785062"   "3788077"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 10:22
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## EAST Search History

S5	1740	208/113,154,159.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/27 10:26
S6	1	(S5 or S3 or S4) and (catalytic\$4 adj crack\$4 or FCC) same temperature with monitor\$4 with strip\$4 and cool\$4 with catalyst and riser with reactor	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 10:27
S7	2	(S5 or S3 or S4) and (catalytic\$4 adj crack\$4 or FCC) same temperature with monitor\$4 with strip\$4 and riser with reactor	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 10:27
S8	14	S3 and riser adj reactor and FCC	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/27 10:29
S9	13	S3 and riser adj reactor and FCC and stripping	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/27 10:29
S10	1	S3 and riser adj reactor and FCC and stripping and temperature with monitor\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/27 10:31
S11	10	S3 and riser adj reactor and FCC and stripping and catalyst with cool\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/27 10:36
S12	2	S3 and strip\$4 with catalyst and temperature with monitor\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/27 10:48
S13	0	S3 and strip\$4 with catalyst and temperature with monitor\$4 with strip\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/27 10:49
S14	2	S4 and strip\$4 with catalyst and temperature with monitor\$4 with strip\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/27 10:50
S15	2	S5 and strip\$4 with catalyst and temperature with monitor\$4 with strip\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/27 10:50
S16	41	208/113,154,159.ccls. and temperature with control with strip\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 13:28
S17	46	208/113,159,160.ccls. and temperature with control with strip\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 09:47
S18	6	208/113,159,160.ccls. and temperature adj control near strip\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 09:50

## EAST Search History

S19	8	208/113,159,160.ccls. and temperature near control near strip\$4 and strip\$4 near temperature	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 13:04
S20	540	208/159,160.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 08:10
S21	48	208/159.ccls. and 208/160.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 13:15
S22	193	208/160.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 13:15
S23	0	208/113.ccls. and 208/154.ccls. and 208/159.ccls. and 208/160.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 13:29
S24	21	208/113.ccls. and 208/159.ccls. and 208/160.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 13:29
S25	3	208/159,160.ccls. and catalyst adj cooler with top with stripp\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 14:03
S26	2	208/159,160.ccls. and catalyst adj cooler with upper with stripp\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 14:04
S27	1	208/159,160.ccls. and catalyst adj cooler with dilute with stripp\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 14:04

## EAST Search History

S28	55	US-2436927-\$.DID. OR US-2735802-\$.DID. OR US-2970117-\$.DID. OR US-3672069-\$.DID. OR US-3702886-\$.DID. OR US-3758403-\$.DID. OR US-3990992-\$.DID. OR US-4009121-\$.DID. OR US-4064039-\$.DID. OR US-4219442-\$.DID. OR US-4220622-\$.DID. OR US-4284494-\$.DID. OR US-4325817-\$.DID. OR US-4343634-\$.DID. OR US-4353812-\$.DID. OR US-4388218-\$.DID. OR US-4404095-\$.DID. OR US-4419221-\$.DID. OR US-4433984-\$.DID. OR US-4434245-\$.DID. OR US-4439533-\$.DID. OR US-4483276-\$.DID. OR US-4615992-\$.DID. OR US-4737346-\$.DID. OR US-4749471-\$.DID. OR US-4756886-\$.DID. OR US-4828679-\$.DID. OR US-4891129-\$.DID. OR US-4965232-\$.DID. OR US-4980053-\$.DID. OR US-5027893-\$.DID. OR US-5043058-\$.DID. OR US-5087427-\$.DID. OR US-5089235-\$.DID. OR US-5232675-\$.DID. OR US-5234578-\$.DID. OR US-5248408-\$.DID. OR US-5259855-\$.DID. OR US-5326465-\$.DID. OR US-5346610-\$.DID. OR US-5351749-\$.DID. OR US-5358918-\$.DID. OR US-5380690-\$.DID. OR US-5571482-\$.DID. OR US-5601787-\$.DID. OR US-5670037-\$.DID. OR US-5976355-\$.DID. OR US-6210562-\$.DID. OR US-6211104-\$.DID. OR US-6482312-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 14:09
S29	1	S28 and packing	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 14:10



## EAST Search History

S30	22	S20 and packing	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 14:11
S31	1	S20 and packing with strip\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 09:57
S32	2	S20 and packing same strip\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 14:10
S33	4	S20 and baffles with pack\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 14:11
S34	83	208/159,160.ccls. and 208/113.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 14:15
S35	1	208/159,160.ccls. and 208/113.ccls. and baffles with pack\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 14:16
S36	2	208/159,160.ccls. and 208/113.ccls. and strip\$4 with pack\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 14:16
S37	193	208/160.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 10:28